

Abstract

A thermoplastic elastomer composition molded article excellent in elasticity and extremely low in permanent
5 compression set is obtained.

A thermoplastic elastomer composition molded article obtained by electron beam irradiation of a molded article mainly comprising a thermoplastic elastomer composition in which a crystalline polyethylenic resin (2) and a conjugated
10 diene-based block copolymer (3) form a three-dimensional network structure in a matrix comprising an ethylene- α -olefin-based copolymer (1), and a production process of the thermoplastic elastomer composition molded article comprising mixing an ethylene- α -olefin-based copolymer (1), a crystalline
15 polyethylenic resin (2) and a conjugated diene-based block copolymer (3), dynamically heat treating the resulting mixture to obtain a thermoplastic elastomer composition, molding the thermoplastic elastomer composition, and then, subjecting the resulting molded article to electron beam irradiation.

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